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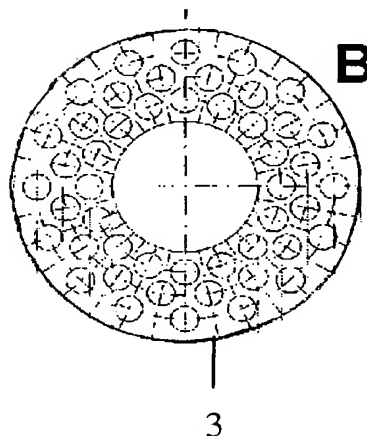
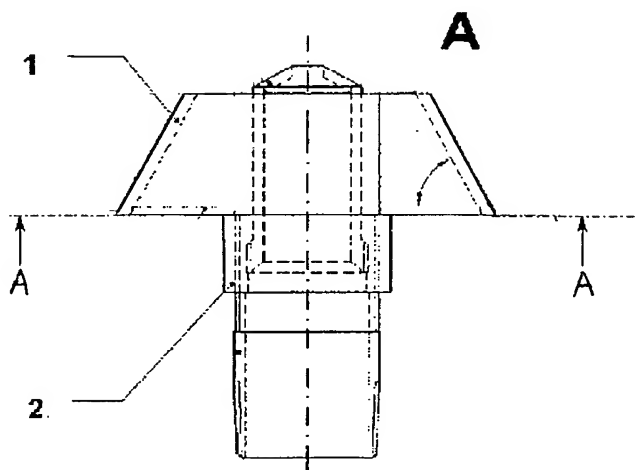
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(54) Title: SPRAYING DEVICE AND METHOD FOR FLUIDISED BED GRANULATION



(57) Abstract: The invention concerns a spraying device for melt granulation in fluidised bed comprising a nozzle (2) with a feed channel for a liquid to be atomised, where the liquid is led through emulsifying means and into an internal mixing chamber for gas and liquid, before it is fed to the fluidised bed. The nozzle has a separate channel for the atomising gas fitted concentrically around the central liquid supply channel for the liquid to be atomised or nebulised. The mixing chamber surrounds the outlet zone of the liquid spray from the emulsifying means and the gas, allowing efficient mixing of high speed atomisation gas and liquid, and having an external gas cap (1) where fluidisation gas is channelled into a spout above the spraying device.

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